

QUERY CONTROL FORM		RTIS USE ONLY	
Application No. <u>09/937351</u>	Prepared by <u>CA</u>	Tracking Number <u>0600,07,71</u>	
Examiner-GAU <u>MACIC-2855</u>	Date _____	Week Date <u>8/23/04</u>	
	No. of queries _____		

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	MESSAGE
a. Page Missing	<u>Amendment - (11-30-01) last page</u>
b. Text Continuity	<u>appears incomplete. Please Resolve.</u>
c. Holes through Data	<u>(Also, Serial no. is different - 09/771,703).</u>
d. Other Missing Text	
e. Illegible Text	
f. Duplicate Text	
g. Brief Description	
h. Sequence Listing	
i. Appendix	
<input checked="" type="radio"/> j. Amendments	
k. Other	<u>Thank You</u>
CLAIMS	
a. Claim(s) Missing	
b. Improper Dependency	
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d. Incorrect Numbering	
e. Index Disagrees	initials <u>CA</u>
f. Punctuation	RESPONSE _____
g. Amendments	
h. Bracketing	
i. Missing Text	
j. Duplicate Text	
k. Other	
	initials _____

Replace the paragraph on page 12 which begins "Finally in figures 5 and 6" with the following:

Finally in figures 5 and 6, respectively, the method according to the invention has been qualitatively evaluated against a reference method which is a determination of CFR by a doppler-technique. In this case however, it should be noted that the doppler-technique has its limitations and is not entirely accurate.

Please add the following paragraphs to the end of page 11:

As previously disclosed in this application, CFR can be obtained by measuring the mean transit time,  $T_{mn}$ , for a bolus dose of cold liquid by employing the response curves from lead resistance measurements and a temperature sensor respectively.

For the calculation of  $T_{mn}$ , the time constant,  $\tau$ , of an exponential function  $e^{-t/\tau}$  is calculated. It has also been discovered by the inventors that  $\tau$  itself is correlated to the flow in a coronary vessel, and, therefore,  $\tau$  itself can be used to determine a value of CFR where  $\tau_{rest}$  is the time constant of the temperature sensor response in a resting condition and  $\tau_{hyper}$  is the time constant of the temperature sensor in a hyperemic condition. Accordingly,  $CFR = \tau_{rest}/\tau_{hyper}$ .

Please delete the page of the application which contains facsimile indicia across the top which says:

"30-JAN-01 TUE 09:30 DR. LUDWIG BRANN PAT AB FAX NO. 018 568939 P. 03."

Please delete the page of the application which contains facsimile indicia across the top which says:

"30-JAN-01 TUE 09:30 DR. LUDWIG BRANN PAT AB FAX NO. 018 568939 P. 04."

Please convert the page of the application which contains facsimile indicia across the top which says: "30-JAN-01 TUE 09:30 DR. LUDWIG BRANN PAT AB FAX NO. 018